Author Index of Vol. 65

Abbs JH, see Gracco VL 156
Albright TD, Desimone R: Local precision of visuotopic organization in the middle temporal area (MT) of the macaque 582
Almli CR, see Silva MG, et al. 176
Anton F, see Handwerker HO, et al. 493
Arahmani A, see Burlet AJ, et al. 629
Åstedt A, see Brundin P, et al. 235
Baggi M, see Hösli L, et al. 482
Baker H: Substance P and tyrosine hydroxylase are localized in different neurons of the hamster olfactory bulb 245
Barber PC, Dahl D: Glial fibrillary acidic protein (GFAP) – like immunoreactivity in normal and transected rat olfactory nerve 681
Barratt H, see Gresty MA, et al. 377
Barthélémy J, see Lacour M, et al. 559
Barthélémy J, see Xerri C, et al. 569
Bassetti C, see Hösli L, et al 482
Bayer J, see Reeh PW, et al. 505
Baylis GC, Rolls ET: Responses of neurons in the inferior temporal cortex in short term and serial recognition memory tasks 614
Baylis GC, see Rolls ET 38
Beaubaton D, see Viallet F, et al. 399
Beaudet A, see Jones BE 437
Benoist JM, see Neil A, et al. 343
Benson B: Temporal changes in medial basal hypothalamic catecholamines in male Syrian hamsters exposed to short photoperiod 371
Bianchetti M, see Hummelsheim H, et al. 75
Björklund A, see Brundin P, et al. 235
Björklund A, see Pritzel M, et al. 112
Borel L, see Lacour M, et al. 559
Borel L, see Xerri C, et al. 569
Bourne RC, see Stewart MG 707
Bouzrara AA, see Silva MG, et al. 176
Boyle MA, see Silva MG, et al. 176
Bronstein AM, see Gresty MA, et al. 377
Brundin P, Nilsson OG, Strecker RE, Lindvall O, Åstedt B, Björklund A: Behavioural effects of human fetal dopamine neurons grafted in a rat model of Parkinson's disease 235
Brundin P, see Pritzel M, et al. 112
Buee J, Deniau JM, Chevalier G: Nigral modulation of cerebello-thalamo-cortical transmission in the ventral medial thalamic nucleus 241
Burlet AJ, Leon-Henri BP, Robert FR, Arahmani A, Fernette BML, Burlet CR: Monoclonal anti-vasopressin (VP) antibodies penetrate into VP neurons, in vivo 629
Burlet CR, see Burlet AJ, et al. 629
Caille D, see Ravel N, et al. 623
Carter DA, Lightman SL: Selective mediation of κ-opioid central cardiovascular effects by ascending noradrenergic pathways 699
Cenni MC, see Fiorentini A, et al. 491
Chevalier G, see Buee J, et al. 241
Cowey A, see Heywood CA 465
Cowey A, see Lawler KA 695
Crémieux J, Veraart C, Wanet-Defalque MC: Effects of deprivation of vision and vibrissae on goal-directed locomotion in cats 229
Crenna P, Frigo C, Massion J, Pedotti A: Forward and backward axial synergies in man 538
Creutzfeldt OD, see Tanaka M, et al. 11
Dahl D, see Barber PC 681
Davis BM, Druzinsky RE, Mendell LM: Distribution of potentiation following short high frequency bursts to motoneurons of different rheobase 639
Deecke L, Engel M, Lang W, Kornhuber HH: Bereitschaftspotential preceding speech after holding breath 219
Deniau JM, see Buee J, et al. 241
Desimone R, see Albright TD 582
Desmond JE, Moore JW: Dorsolateral pontine tegmentum and the classically conditioned nictitating membrane response: analysis of CR-related single-unit activity 59
Diadori P, see Landry P, et al. 317
Domenico G De, McCloskey DI: Accuracy of voluntary movements at the thumb and elbow joints 471
Druzinsky RE, see Davis BM, et al. 639
Dunbar DC, see Rushmer DS, et al. 527
Dykes RW, see Landry P, et al. 317
Engel M, see Deecke L, et al. 219
Eybalin M, Pujol R: Choline acetyltransferase (ChAT) immunoelectron microscopy distinguishes at least three types of efferent synapses in the organ of Corti 261
Fagni L, Zinebi F, Hugon M: Evoked potential changes in rat hippocampal slices under helium pressure 513
Ferino F, Thierry AM, Glowinski J: Anatomical and electrophysiological evidence for a direct projection from Ammon's horn to the medial prefrontal cortex in the rat . . 421
Fernette BML, see Burlet AJ, et al. 629
Fetz EE, see Schmied A 352
Finger S, see Silva MG, et al. 176
Fiorentini A, Cenni MC, Maffei L: Impairment of stereoacuity in cats with oculomotor proprioceptive deafferentation (Erratum) 491
Freed WJ, see Schwarz SS 449
Freeman RD, see Ramoa AS, et al. 658
Freeman RD, see Tanaka K, et al. 549
Freeman RD, see Tanaka K, et al. 673
Freeman RD, see Tsumoto T 666
Friedlich JJ, see Morris ME, et al. 520
Frigo C, see Crenna P, et al. 538
Fuchs E, Gliessman P, Hess DL, Pau KYF, Spies HG, Wuttke W: Release rates of catecholamines, GABA and β-endorphin in the preoptic area and the mediobasal hypothalamus of the rhesus monkey in push-pull perfusates: correlation with blood hormone levels 224
Fuller JH: Head movements during optokinetic stimulation in the alert rabbit 593
Gaarskjaer FB, see Tønder N, et al. 213
Gemba H, Sasaki K: Cortical field potentials associated with audio-initiated hand movements in the monkey 649
Georgopoulos AP, Massey JT: Cognitive spatial-motor processes. 1. The making of movements at various angles from a stimulus direction 361
Gliessman P, see Fuchs E, et al. 224
Glowinski J, see Ferino F, et al. 421
Goldsmith GE, see Mokha SS, et al. 427
Gracco VL, Abbs JH: Variant and invariant characteristics of speech movements 156
Gresty MA, Bronstein AM, Barratt H: Eye movement responses to combined linear and angular head movement . . 377
Guilbaud G, see Neil A, et al. 343
Hall WC, see May PJ 200
Hamon B, see Heinemann U 1
Handwerker HO, Anton F, Reeh PW: Discharge patterns of afferent cutaneous nerve fibers from the rat's tail during prolonged noxious mechanical stimulation 493
Handwerker HO, see Reeh PW, et al. 505
Harlay F, see Lacour M, et al. 559
Harlay F, see Xerri C, et al. 569
Heinemann U, Hamon B: Calcium and epileptogenesis 1

Heinemann U, see Jones RSG 676
Hellon RF, see Mokha SS, et al. 427
Hess DL, see Fuchs E, et al. 224
Heywood CA, Cowey A: Effects on visual search of lesions of the superior colliculus in infant or adult rats 465
Higuchi T, see Negoro H, et al. 312
Hódi K, see Kovács GL, et al. 307
Hösli E, Hösli L: Autoradiographic localization of binding sites for ^{3}H-serotonin and ^{3}H-ketanserin on neurones and astrocytes of cultured rat brain stem and spinal cord 486
Hösli E, see Hösli L, et al. 482
Hösli L, Hösli E, Baggi M, Bassetti C, Uhr M: Action of dopamine and serotonin on the membrane potential of cultured astrocytes 482
Hösli L, see Hösli E 486
Hofbauer A, Holländer H: Synaptic connections of cortical and retinal terminals in the superior colliculus of the rabbit: an electron microscopic double labelling study . . . 145
Holländer H, see Hofbauer A 145
Honda K, see Negoro H, et al. 312
Hugon M, see Fagni L, et al. 513
Hummelsheim H, Wiesendanger M, Bianchetti M, Wiesendanger R, Macpherson J: Further investigations of the efferent linkage of the supplementary motor area (SMA) with the spinal cord in the monkey 75
Isacson O, see Pritzel M, et al. 112
Isokawa-Akesson M, Komisaruk BR: Difference in projections to the lateral and medial facial nucleus: anatomically separate pathways for rhythmical vibrissa movement in rats 385
Ito M, see Seo ML 251
Jones BE, Beaudet A: Retrograde labelling of neurons in the brain stem following injections of [^{3}H]-choline into the forebrain of the rat 437
Jones RSG, Heinemann U: Abolition of the orthodromically evoked IPSP of CA1 pyramidal cells before the EPSP during washout of calcium from hippocampal slices 676
Kamada T, see Wanaka A, et al. 691
Kayser V, see Neil A, et al. 343
Kiyama H, see Wanaka A, et al. 691
Kocher L, see Reeh PW, et al. 505
Komisaruk BR, see Isokawa-Akesson M 385
Kornhuber HH, see Deecke L, et al. 219
Kovács GL, Laczi F, Vecsernyés M, Hódi K, Telegdy G, László FA: Limbic oxytocin and arginine^8-vasopressin in morphine tolerance and dependence 307
Lacour M, Borel L, Barthélémy J, Harlay F, Xerri C: Dynamic properties of the vertical otolith neck reflexes in the alert cat 559
Lacour M, see Xerri C, et al. 569
Lacquaniti F, Soechting JF: Responses of mono- and biarticular muscles to load perturbations of the human arm . 135
Laczi F, see Kovács GL, et al. 307
Lalonde R: Motor abnormalities in weaver mutant mice . . . 479
Landgren S, Olsson KÅ, Westberg KG: Bulbar neurones with axonal projections to the trigeminal motor nucleus in the cat 98
Landgren S, see Olsson KÅ, et al. 83
Landry P, Diadori P, Leclerc S, Dykes RW: Morphological and electrophysiological characteristics of somatosensory thalamocortical axons studied with intra-axonal staining and recording in the cat 317
Lang W, see Deecke L, et al. 219
László FA, see Kovács GL, et al. 307
Lawler KA, Cowey A: On the role of posterior parietal and prefrontal cortex in visuo-spatial perception and attention . 695
Leclerc S, see Landry P, et al. 317
Legallet E, see Viallet F, et al. 399
Lennie P, see Troy JB 703
Leon-Henri BP, see Burlet AJ, et al. 629
Lightman SL, see Carter DA 699
Lindvall O, see Brundin P, et al. 235
Lundberg A, Malmgren K, Schomburg ED: Reflex pathways from group II muscle afferents. 1. Distribution and linkage of reflex actions to α-motoneurones 271
Lundberg A, Malmgren K, Schomburg ED: Reflex pathways from group II muscle afferents. 2. Functional characteristics of reflex pathways to α-motoneurones 282
Lundberg A, Malmgren K, Schomburg ED: Reflex pathways from group II muscle afferents. 3. Secondary spindle afferents and the FRA: a new hypothesis 294
MacDonald JF, see Morris ME, et al. 520
Macpherson J, see Hummelsheim H, et al. 75
Macpherson JM, see Rushmer DS, et al. 527
Maffei L, see Fiorentini A, et al. 491
Malmgren K, see Lundberg A, et al. 271
Malmgren K, see Lundberg A, et al. 282
Malmgren K, see Lundberg A, et al. 294
Massey JT, see Georgopoulos AP 361
Massion J, see Crenna P, et al. 538
Matsuyama T, see Wanaka A, et al. 691
May PJ, Hall WC: The cerebellotectal pathway in the grey squirrel 200
McCloskey DI, see De Domenico G 471
Mendell LM, see Davis BM, et al. 639
Miall RC, Weir DJ, Stein JF: Visuo-motor tracking during reversible inactivation of the cerebellum 455
Miles TS, Türker KS: Decomposition of the human electromyogramme in an inhibitory reflex 337
Miles TS, Türker KS, Nordstrom MA: Reflex responses of motor units in human muscle to electrical stimulation of the lip 331
Mokha SS, Goldsmith GE, Hellon RF, Puri R: Hypothalamic control of nocireceptive and other neurones in the marginal layer of the dorsal horn of the medulla (trigeminal nucleus caudalis) in the rat 427
Montigny C de, Weiss M, Ouellette J: Reduced excitatory effect of kainic acid on rat CA_3 hippocampal pyramidal neurons following destruction of the mossy projection with colchicine 605
Moore JW, see Desmond JE 59
Morris ME, Friedlich JJ, MacDonald JF: Intracellular calcium in mammalian brain cells: fluorescence measurements with quin2 520
Negoro H, Honda K, Uchide K, Higuchi T: Facilitation of milk ejection-related activation of oxytocin-secreting neurones by osmotic stimulation in the rat 312
Neil A, Benoist JM, Kayser V, Guilbaud G: Initial nociceptive sensitization in a carrageenin-induced rat paw inflammation is dependent on amine autacoid mechanisms: electrophysiological and behavioural evidence obtained with a quaternary antihistamine, thiazinamium 343
Nilsson OG, see Brundin P, et al. 235
Nordstrom MA, see Miles TS, et al. 331
Numan B, see Silva MG, et al. 176
Ohzawa I, see Tanaka K, et al. 549
Olsson KÅ, Landgren S, Westberg KG: Location of, and peripheral convergence on, the interneurone in the disynaptic path from the coronal gyrus of the cerebral cortex to the trigeminal motoneurones in the cat 83
Olsson KÅ, see Landgren S, et al. 98
Omlin FX, Waldmeyer J: Minisegments of newborn rat optic nerves in vitro: gliogenesis and myelination 189
Ouellette J, see Montigny C de, et al. 605
Pager J, see Ravel N, et al. 623
Pau KYF, see Fuchs E, et al. 224

Pedotti A, see Crenna P, et al. 538
Pritzel M, Isacson O, Brundin P, Wiklund L, Björklund A: Afferent and efferent connections of striatal grafts implanted into the ibotenic acid lesioned neostriatum in adult rats 112
Pujol R, see Eybalin M 261
Puri R, see Mokha SS, et al. 427
Ramoa AS, Shadlen M, Freeman RD: Dark-reared cats: unresponsive cells become visually responsive with microiontophoresis of an excitatory amino acid 658
Ramoa AS, see Tanaka K, et al. 549
Ramoa AS, see Tanaka K, et al. 673
Rao ZR, Yamano M, Shiosaka S, Shinohara A, Tohyama M: Origin of leucine-enkephalin fibers and their two main afferent pathways in the bed nucleus of the stria terminalis in the rat 411
Ravel N, Caille D, Pager J: A centrifugal respiratory modulation of olfactory bulb unit activity: a study on acute rat preparation 623
Reeh PW, Bayer J, Kocher L, Handwerker HO: Sensitization of nociceptive cutaneous nerve fibers from the rat's tail by noxious mechanical stimulation 505
Reeh PW, see Handwerker HO, et al. 493
Reeves TM, Steward O: Emergence of the capacity for LTP during reinnervation of the dentate gyrus: evidence that abnormally shaped spines can mediate LTP 167
Reiter HO, Waitzman DM, Stryker MP: Cortical activity blockade prevents ocular dominance plasticity in the kitten visual cortex 182
Robert FR, see Burlet AJ, et al. 629
Rolls ET, Baylis GC: Size and contrast have only small effects on the responses to faces of neurons in the cortex in the superior temporal sulcus of the monkey 38
Rolls ET, see Baylis GC 614
Rushmer DS, Macpherson JM, Dunbar DC, Russell CJ, Windus SL: Automatic postural responses in the cat: responses of proximal and distal hindlimb muscles to drop of support from a single hind- or forelimb 527
Russell CJ, see Rushmer DS, et al. 527
Rymer WZ, see Stuart GJ, et al. 127
Sasaki K, see Gemba H 649
Schmied A, Fetz EE: Activity-related changes in electrical thresholds of pyramidal tract axons in the behaving monkey 352
Schomburg ED, see Lundberg A, et al. 271
Schomburg ED, see Lundberg A, et al. 282
Schomburg ED, see Lundberg A, et al. 294
Schotland JL, see Stuart GJ, et al. 127
Schwarz SS, Freed WJ: Brain tissue transplantation in neonatal rats prevents a lesion-induced syndrome of adipsia, aphagia and akinesia 449
Schwarz U, see Waespe W 49
Seo ML, Ito M: Reorganization of rat vibrissa barrelfield as studied by cortical lesioning on different postnatal days . . 251
Shadlen M, see Ramoa AS, et al. 658
Shaw NA: Effects of low pass filtering on the brainstem auditory evoked potential in the rat 686
Shinohara A, see Rao ZR, et al. 411
Shiosaka S, see Rao ZR, et al. 411
Shiosaka S, see Wanaka A, et al. 691
Shiotani Y, see Wanaka A, et al. 691
Silva MG, Boyle MA, Finger S, Numan B, Bouzrara AA, Almli CR: Behavioral effects of large and small lesions of the rat medial frontal cortex 176
Soechting JF, see Lacquaniti F 135
Spies HG, see Fuchs E, et al. 224
Stein JF, see Miall RC, et al. 455
Steward O, see Reeves TM 167
Stewart MG, Bourne RC: Ontogeny of ^{3}H-muscimol binding to membranes of chick forebrain 707
Strecker RE, see Brundin P, et al. 235
Stryker MP, see Reiter HO, et al. 182
Stuart GJ, Rymer WZ, Schotland JL: Characteristics of reflex excitation in close synergist muscles evoked by muscle vibration 127
Sunde NA, see Tønder N, et al. 213
Tanaka K, Freeman RD, Ramoa AS: Dark-reared kittens: GABA sensitivity of cells in the visual cortex 673
Tanaka K, Ohzawa I, Ramoa AS, Freeman RD: Receptive field properties of cells in area 19 of the cat 549
Tanaka M, Weber H, Creutzfeldt OD: Visual properties and spatial distribution of neurones in the visual association area on the prelunate gyrus of the awake monkey 11
Telegdy G, see Kovács GL, et al. 307
Thierry AM, see Ferino F, et al. 421
Tønder N, Gaarskjaer FB, Sunde NA, Zimmer J: Neonatal hippocampal neurons, retrogradely labeled with granular blue, survive intracerebral grafting and explantation to tissue culture 213
Tohyama M, see Rao ZR, et al. 411
Tohyama M, see Wanaka A, et al. 691
Trouche E, see Viallet F, et al. 399
Troy JB, Lennie P: Detection latencies of X and Y type cells of the cat's dorsal lateral geniculate nucleus 703
Tsumoto T, Freeman RD: Dark-reared cats: responsitivity of cortical cells influenced pharmacologically by an inhibitory antagonist 666
Türker KS, see Miles TS 337
Türker KS, see Miles TS, et al. 331
Uchide K, see Negoro H, et al. 312
Uhr M, see Hösli L, et al. 482
Vecsernyés M, see Kovács GL, et al. 307
Veraart C, see Crémieux J, et al. 229
Viallet F, Trouche E, Beaubaton D, Legallet E: The role of visual reafferents during a pointing movement: comparative study between open-loop and closed-loop performances in monkeys before and after unilateral electrolytic lesion of the substantia nigra 399
Waespe W, Schwarz U: Characteristics of eye velocity storage during periods of suppression and reversal of eye velocity in monkeys 49
Waitzman DM, see Reiter HO, et al. 182
Waldmeyer J, see Omlin FX 189
Wanaka A, Shiotani Y, Kiyama H, Matsuyama T, Kamada T, Shiosaka S, Tohyama M: Glutamate-like immunoreactive structures in primary sensory neurons in the rat detected by a specific antiserum against glutamate 691
Wanet-Defalque MC, see Crémieux J, et al. 229
Weber H, see Tanaka M, et al. 11
Weir DJ, see Miall RC, et al. 455
Weiss M, see Montigny C de, et al. 605
Westberg KG, see Landgren S, et al. 98
Westberg KG, see Olsson KÅ, et al. 83
Wiesendanger M, see Hummelsheim H, et al. 75
Wiesendanger R, see Hummelsheim H, et al. 75
Wiklund L, see Pritzel M, et al. 112
Windus SL, see Rushmer DS, et al. 527
Wuttke W, see Fuchs E, et al. 224
Xerri C, Barthélémy J, Harlay F, Borel L, Lacour M: Neuronal coding of linear motion in the vestibular nuclei of the alert cat. I. Response characteristics to vertical otolith stimulation 569
Xerri C, see Lacour M, et al. 559
Yamano M, see Rao ZR, et al. 411
Zimmer J, see Tønder N, et al. 213
Zinebi F, see Fagni L, et al. 513